

INFLUENZA

Influenza is an acute respiratory disease caused by influenza type A or B viruses. Typical features of influenza include abrupt onset of fever, respiratory symptoms such as, cough, sore throat, coryza, and systemic symptoms such as headache, muscle aches, and fatigue.

Laboratory Criteria for Confirmation:

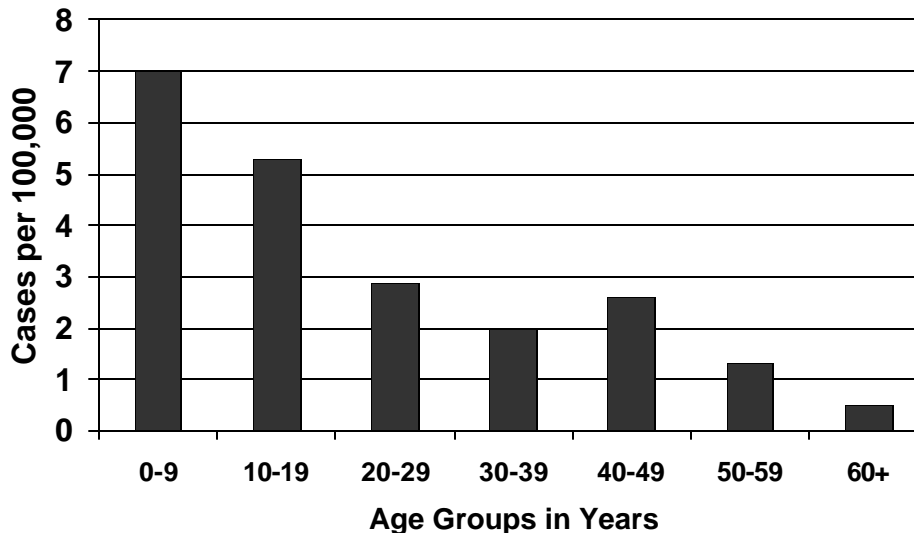
- Virus isolation

Statistics on Confirmed Cases for 2000-2001 Seasons

Influenza season surveillance begins in October of one year and continues through April of the following year.

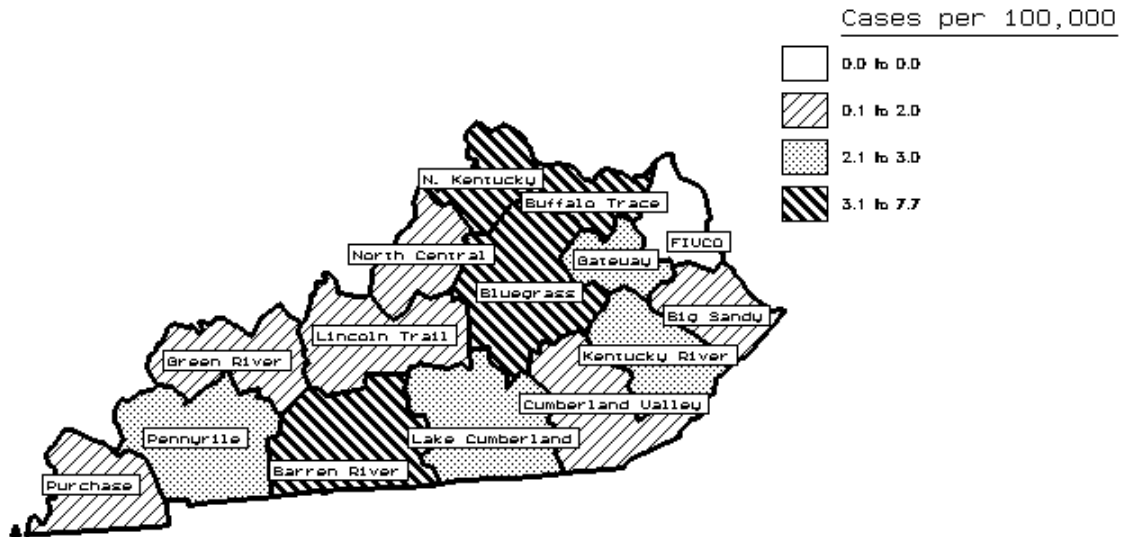
Time Period	2000-2001
Number of Cases	124
Rate per 100,000	3.1

**Influenza, Age-Specific Incidence, Kentucky
2000-2001**



The cases per 100,000 for culture confirmed influenza in children under one year of age was 22.8, and then dropped to 7.8 cases per 100,000 for children one to four years of age and to 3.4 for children five to nine years of age.

Influenza Incidence by District, Kentucky 2000-2001 Influenza Season



The Bluegrass District reported the highest rate, with 7.7 cases per 100,000. Two counties in this district had much higher rates; Madison County had 14 culture confirmed cases for a rate of 20.7 cases per 100,000 and Franklin County had 8 culture confirmed cases for a rate of 17.2 cases per 100,000.

The Barren River District reported the next highest rate of 6.5 cases per 100,000. In that district, Barren County reported 8 culture confirmed cases, for a rate of 21.4 cases per 100,000.

The Buffalo Trace District had 5.5 cases per 100,000, with Bracken County reporting 2 cases for a rate of 23.6 cases per 100,000.

Kentucky influenza surveillance begins in October of each year and continues until May of the following year. A network of sentinel physicians and local health departments participate in weekly influenza surveillance. Information is obtained from nursing homes, schools, physician offices, and hospitals. Influenza isolate collection kits are available from the Kentucky Department for Public Health, Division of Laboratory Services and all health care providers are encouraged to submit samples. The Division of Laboratory Services received 222 samples, from 50 counties, to be cultured for influenza during the 2000-2001 influenza season.

Only viral culture isolates are included in the data of this summary. The viral types cultured during the **2000-2001** are as follows:

Type A H1N1 New Caldonia-----	43
Type A H3N2 Panama-----	3
Type A (subtype not known)-----	19
Type B Yamanashi-----	28
Type B (subtype not known)-----	31